Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
Data File : BF107914.D
Acq On : 2 Aug 2018 17:28
Operator : JU/SJ
Sample : J4285-17 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-PIT-5

Quant Time: Aug 02 17:53:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	110050	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	525672	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	194392	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	333932	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	356299	20.00	ng		0.00
86) Perylene-d12	15.68	264	358494	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	4515	0.70	ng		0.07
7) Phenol-d6	6.67	99	17641	2.07	ng		0.06
23) Nitrobenzene-d5	7.56	82	8288	0.91	ng		0.02
41) 2,4,6-Tribromophenol	10.80	330	12630	4.78	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	86011	6.17	ng		-0.01
78) Terphenyl-d14	13.07	244	89564	5.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	552	5.953	ng	#	37
3) Pyridine	3.44	79	113	6.267	ng	#	1
31) Naphthalene	8.26	128	64987	2.660	ng		98
50) 2,6-Dinitrotoluene	9.99	165	26207	8.260	ng	#	25
51) Acenaphthene	10.02	154	39664	3.301	ng		94
55) 4-Nitrophenol	10.21	139	12717	15.284	ng	#	9
57) Fluorene	10.55	166	37623	2.607	ng		96
70) Phenanthrene	11.51	178	615885	38.842	ng		99
71) Anthracene	11.57	178	208392	11.394	ng		98
72) Carbazole	11.75	167	69866	3.866	ng		100
74) Fluoranthene	12.71	202	926765	49.752	ng		96
77) Pyrene	12.94	202	904612	35.259	ng		97
80) Benzo(a)anthracene	14.14	228	488925	24.224	ng		98
82) Chrysene	14.17	228	474454	21.794	ng		98
85) Indeno(1,2,3-cd)pyrene	17.26	276	179514	10.841	ng	#	87
87) Benzo(b)fluoranthene	15.22	252	682585	38.606	ng		99
88) Benzo(k)fluoranthene	15.22	252	682585	31.444	ng		98
89) Benzo(a)pyrene	15.61	252	378772	20.751	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	36998	2.324	ng		94
91) Benzo(g,h,i)perylene	17.74	276	179528	11.653	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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KG-PIT-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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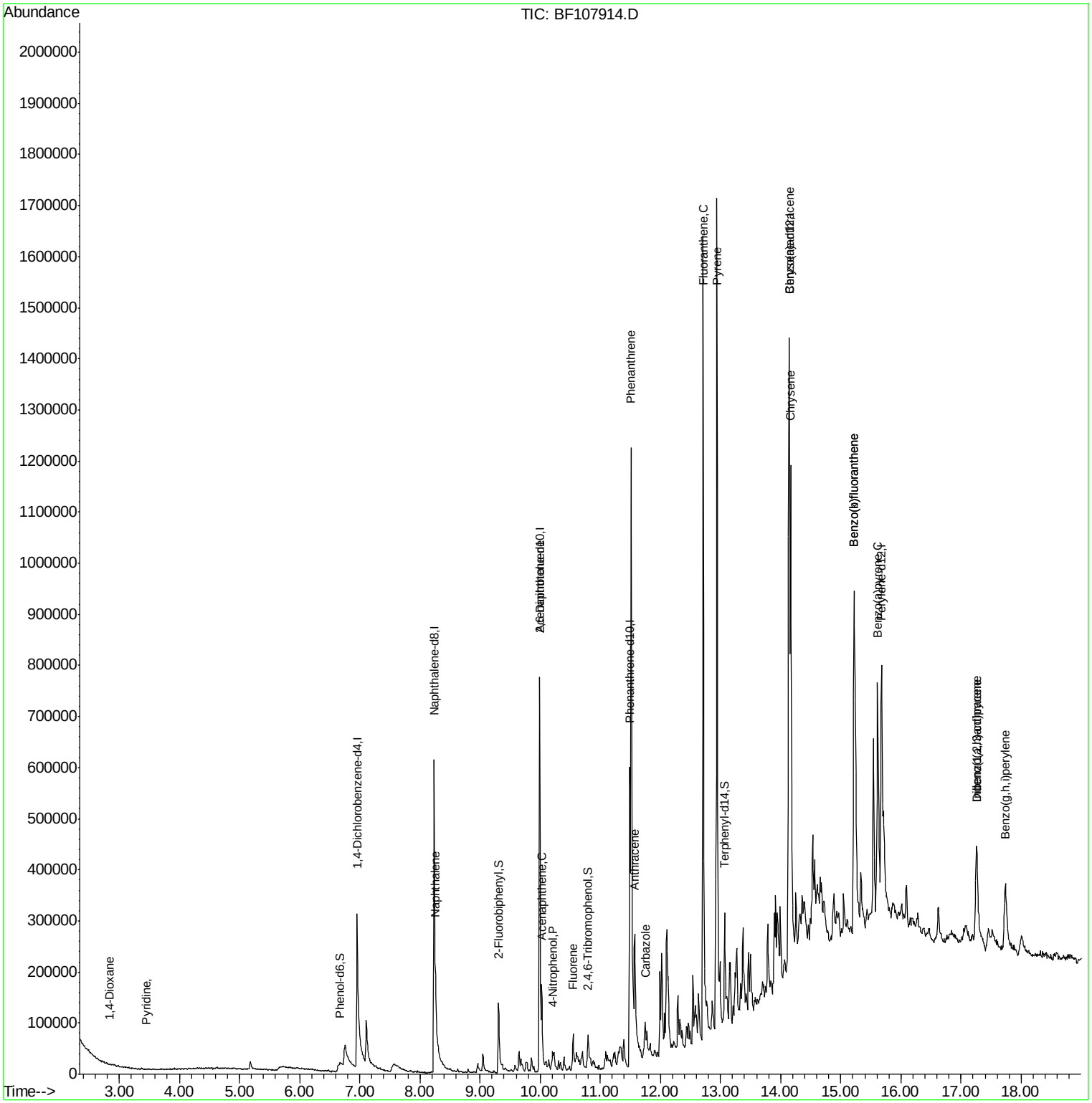
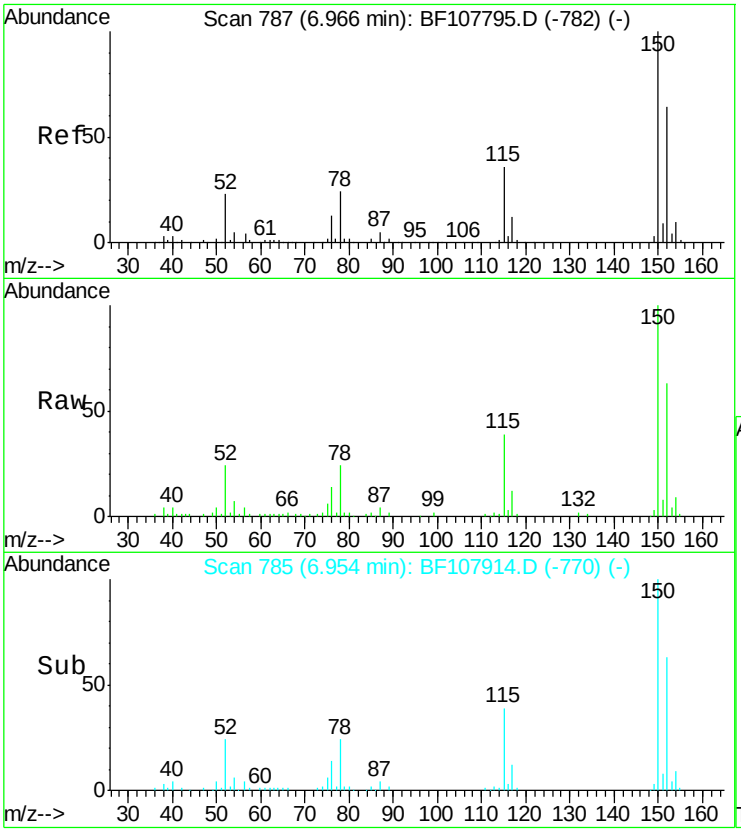


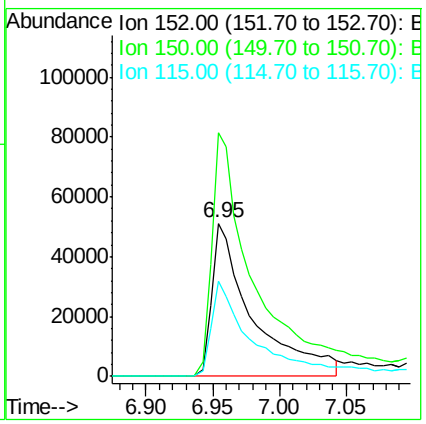


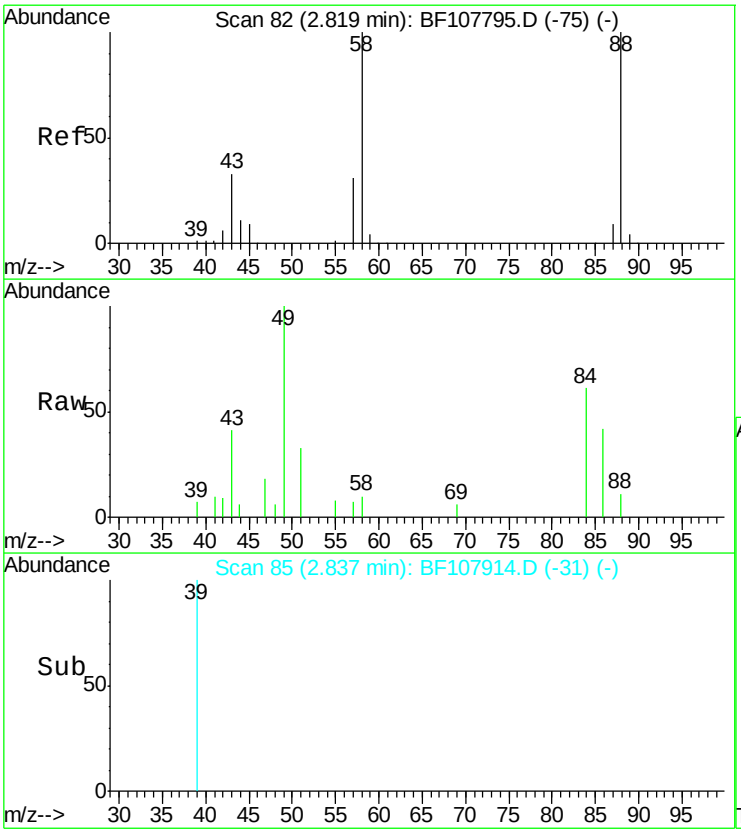
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:152 Resp: 110050

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.4	50.1	75.1

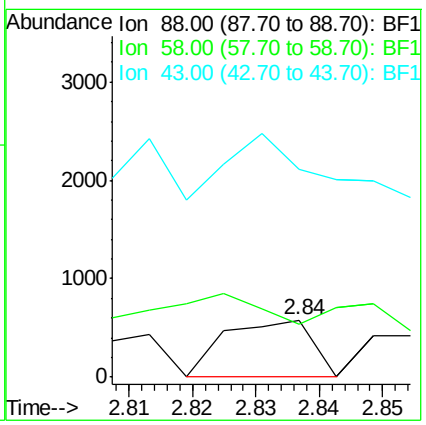


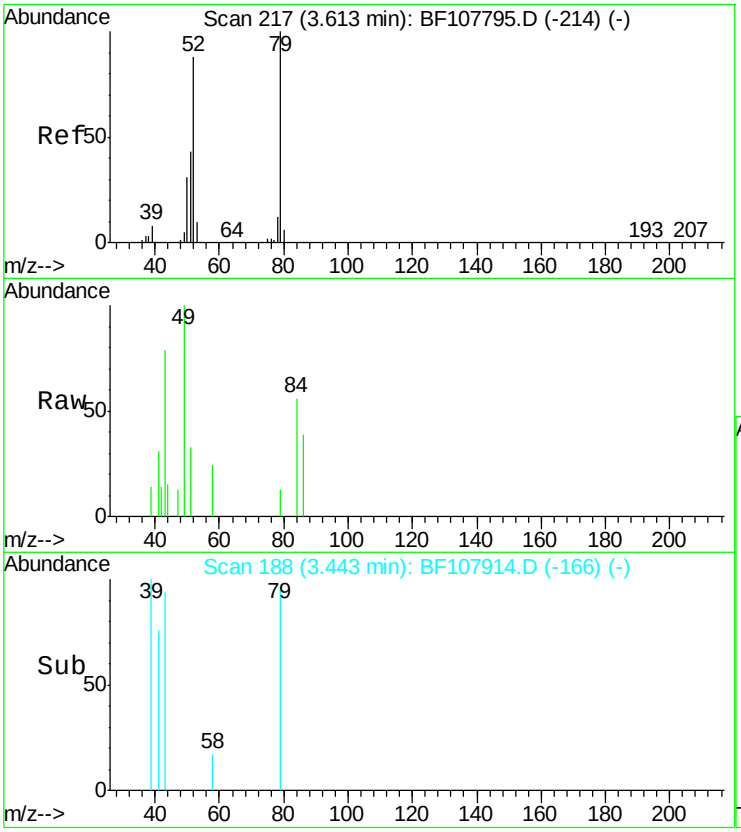


#2
1,4-Dioxane
Concen: 5.953 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion: 88 Resp: 552

Ion	Ratio	Lower	Upper
88	100		
58	52.5	62.6	93.8#
43	112.1	24.6	37.0#



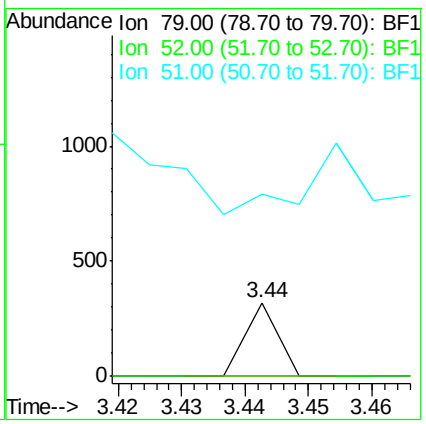


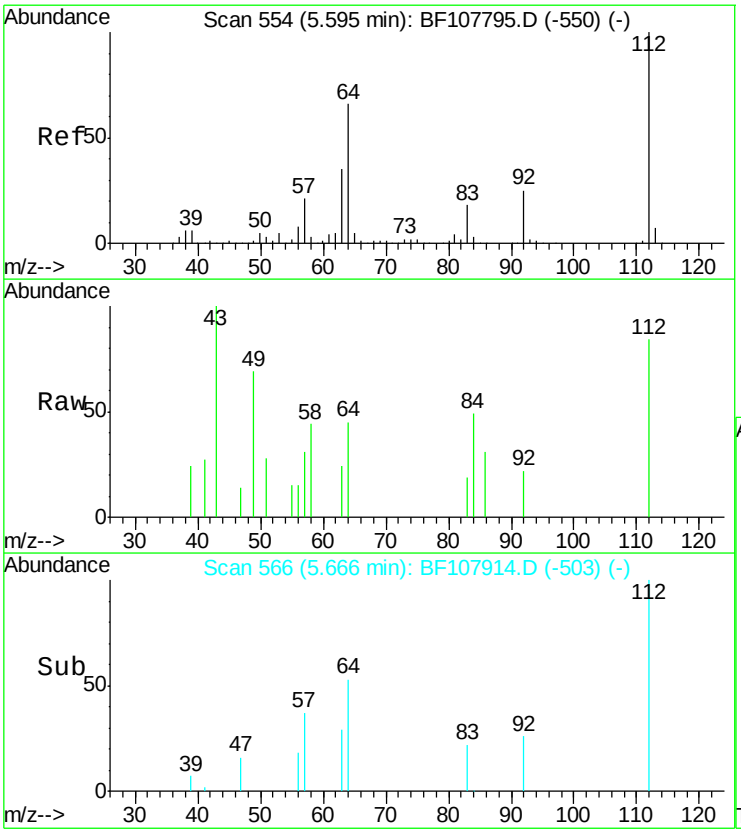
#3
Pyridine
Concen: 6.267 ng
RT: 3.44 min Scan# 188
Delta R.T. -0.17 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion: 79 Resp: 113

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	246.9	29.8	44.8#

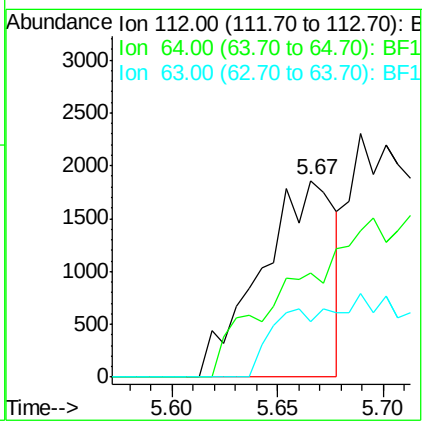


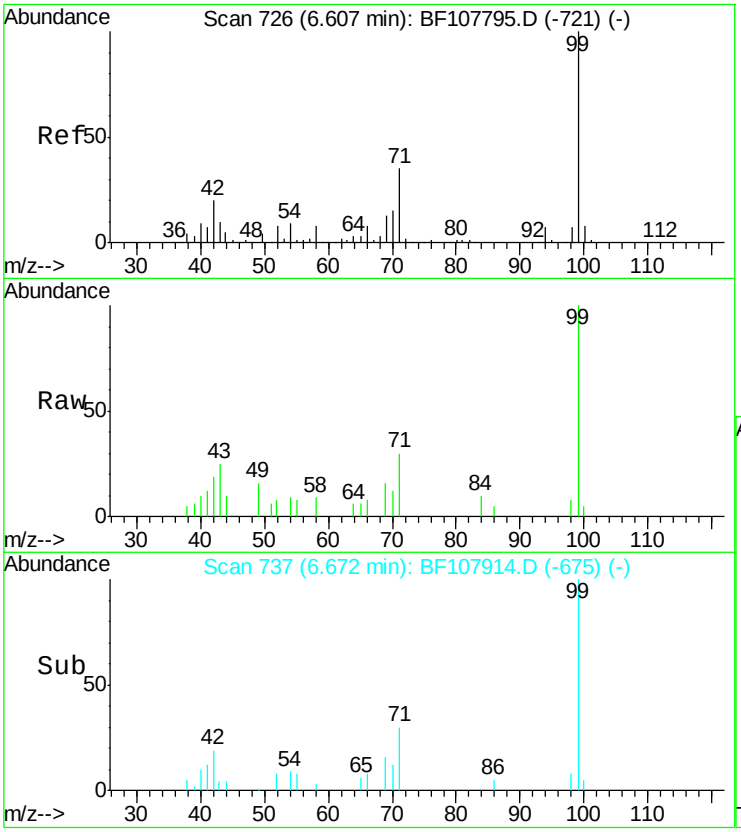


#5
2-Fluorophenol
Concen: 0.697 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.07 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:112 Resp: 4515

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	28.6	23.7	35.5



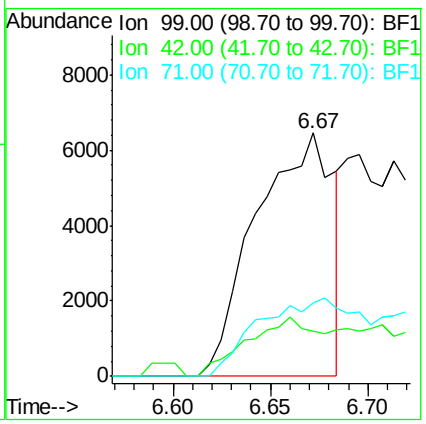


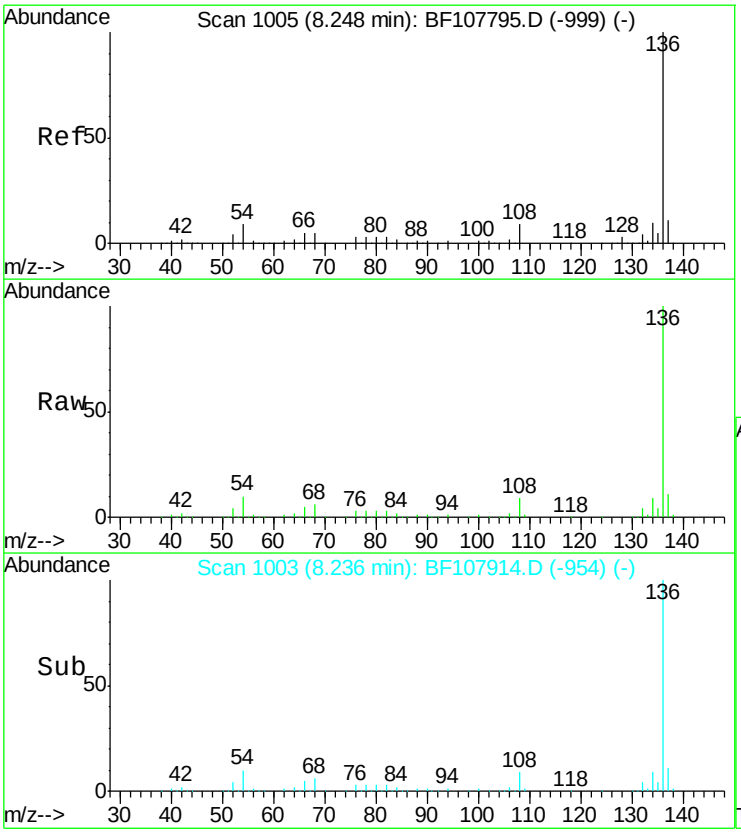
#7
Phenol-d6
Concen: 2.067 ng
RT: 6.67 min Scan# 737
Delta R.T. 0.06 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion: 99 Resp: 17641

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	30.0	25.4	38.0

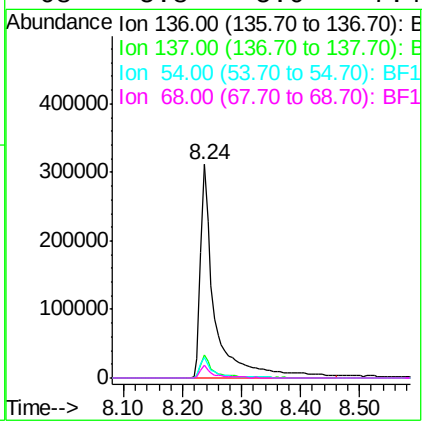


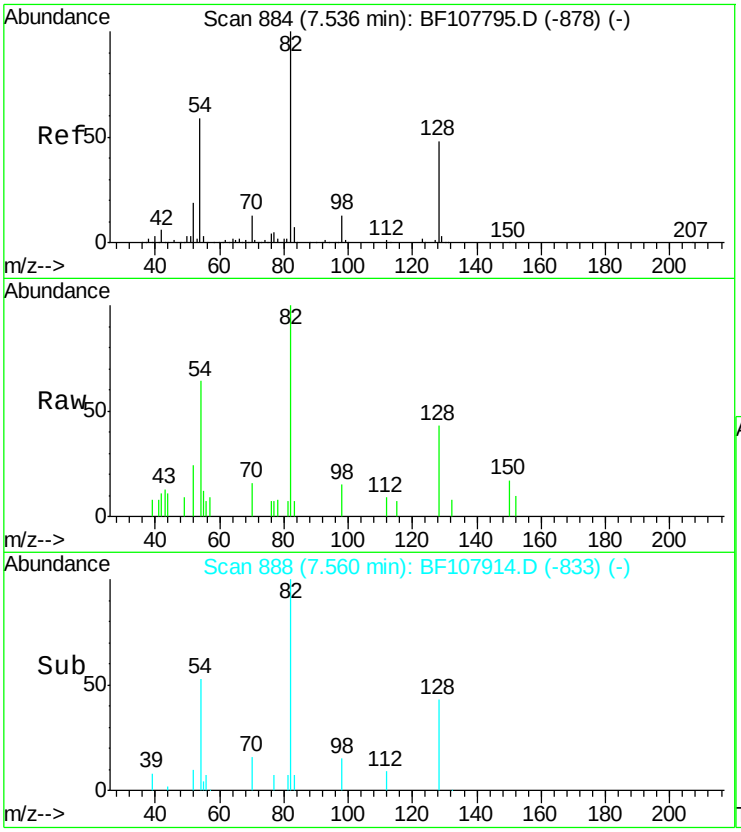


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:136 Resp: 525672

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	5.8	5.0	7.4



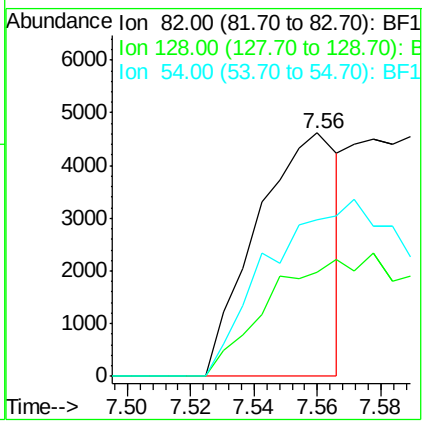


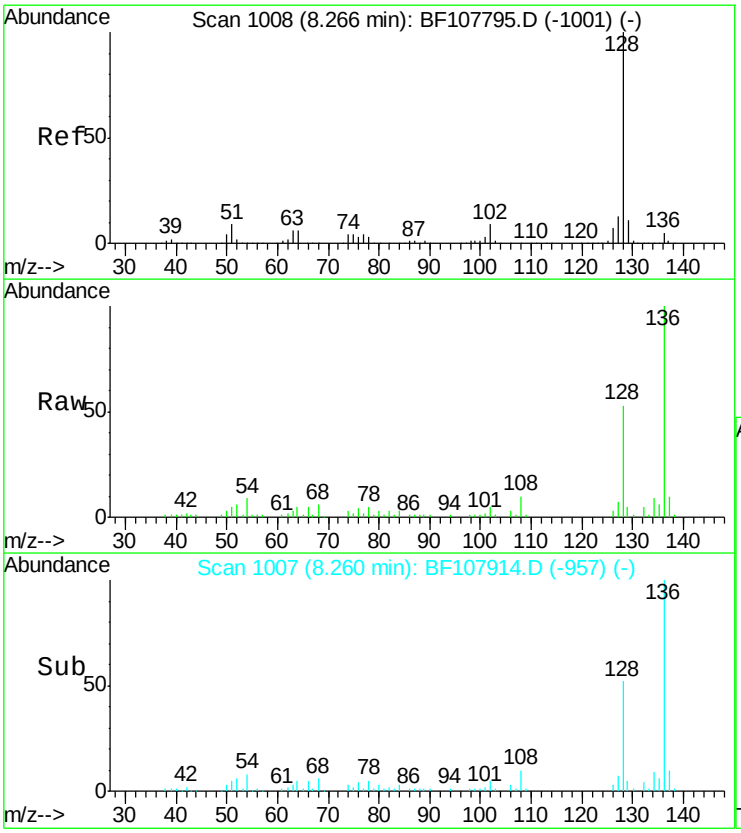
#23
Nitrobenzene-d5
Concen: 0.908 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.02 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion: 82 Resp: 8288

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	64.2	41.4	62.2#

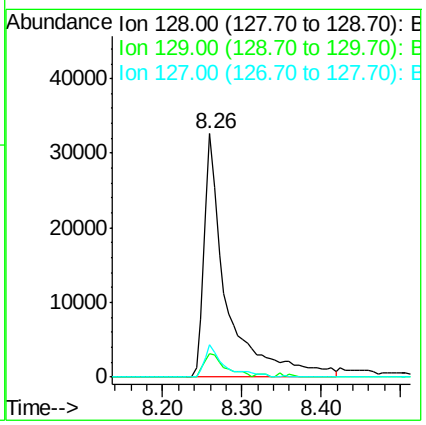


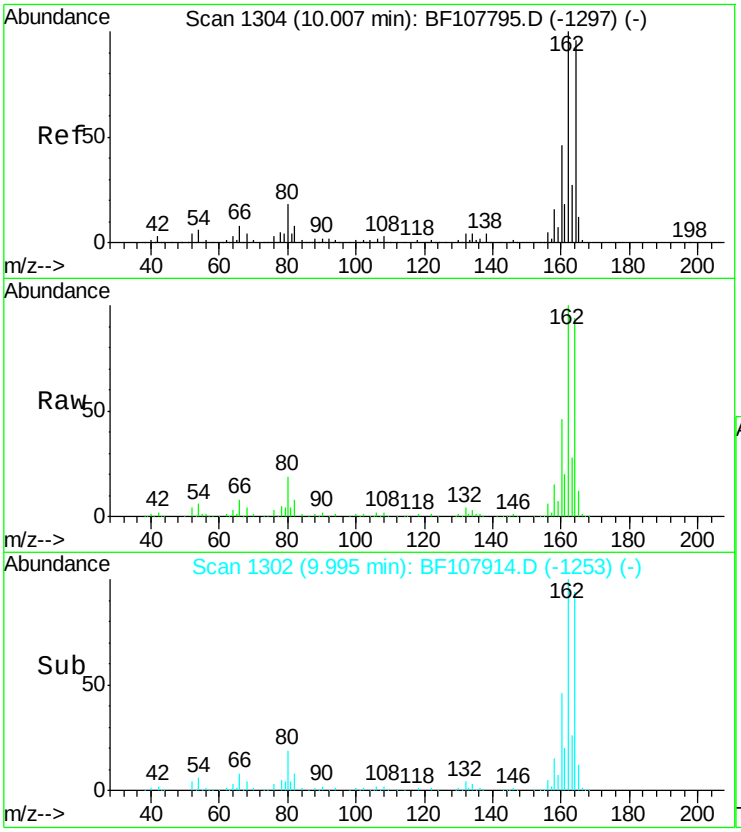


#31
Naphthalene
Concen: 2.660 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:128 Resp: 64987

Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.8	13.2
127	13.3	10.9	16.3



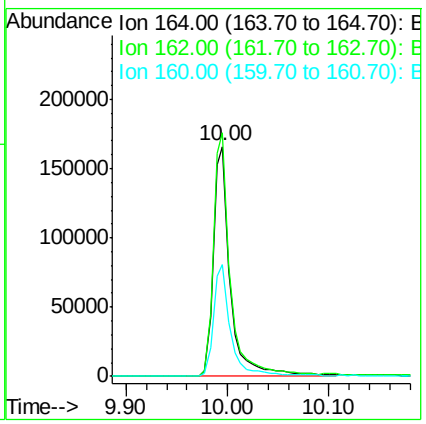


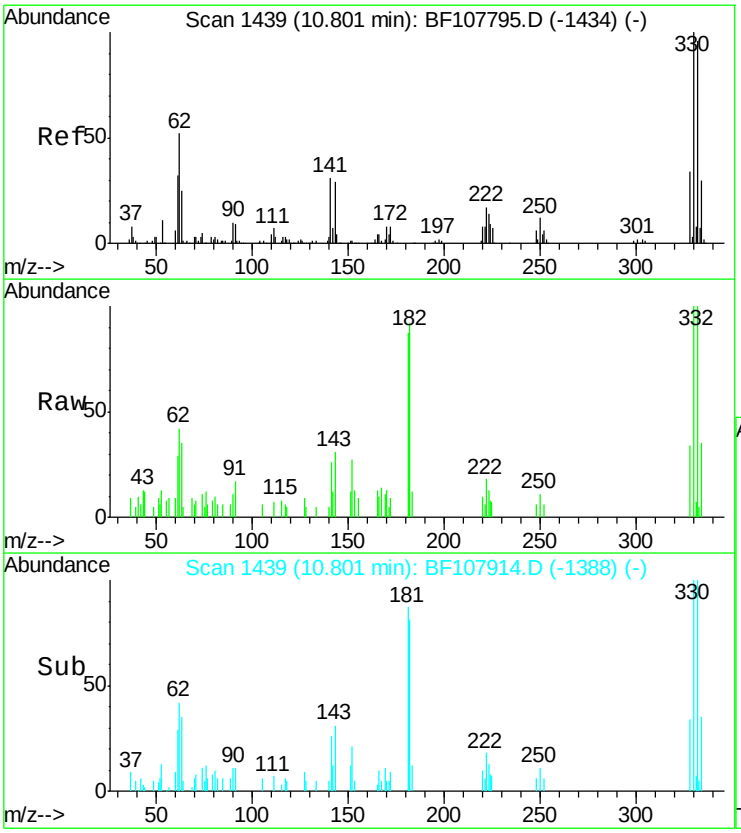
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:164 Resp: 194392

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	48.8	38.3	57.5

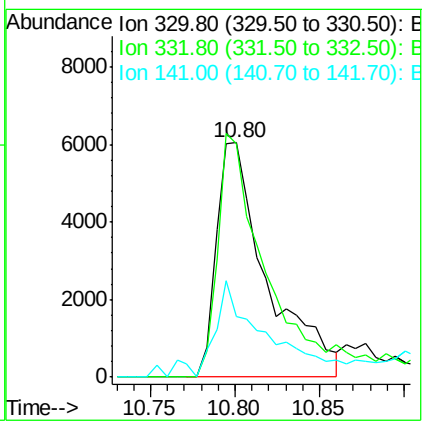


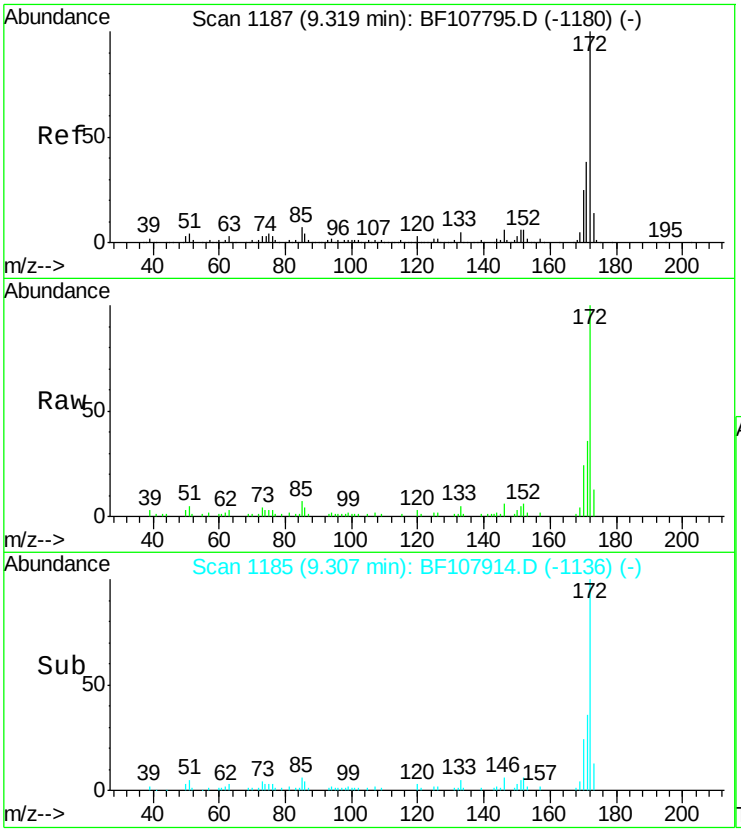


#41
2,4,6-Tribromophenol
Concen: 4.782 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:330 Resp: 12630

Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.6
141	43.9	29.9	44.9



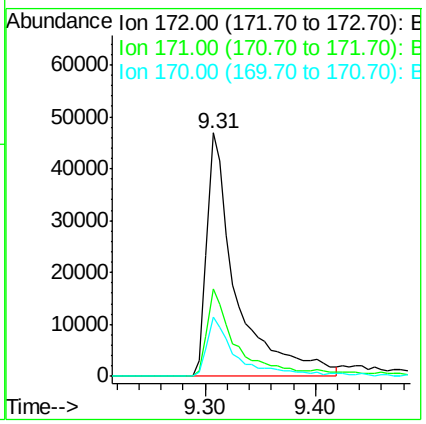


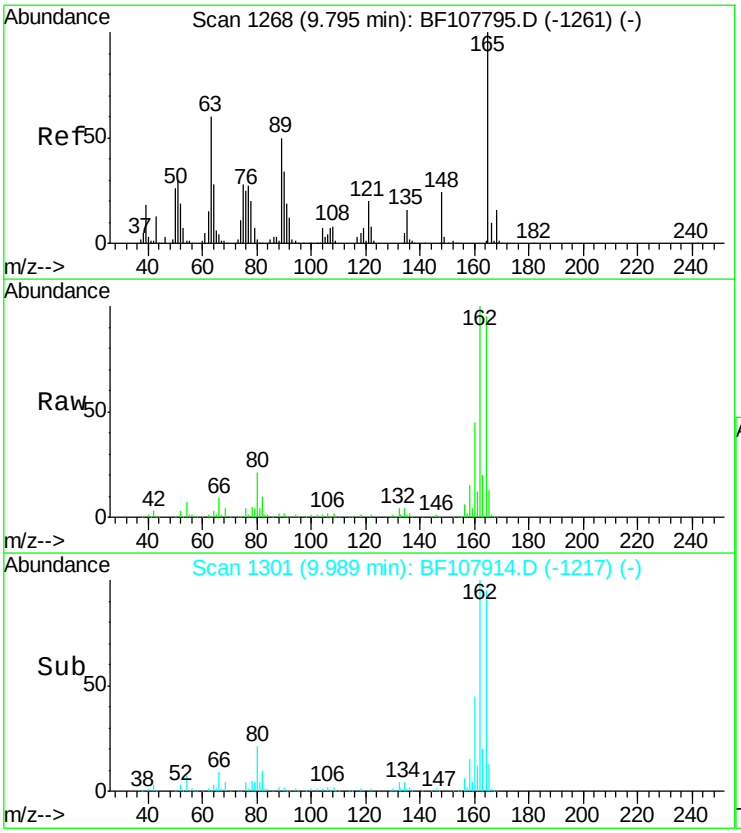
#44
2-Fluorobiphenyl
Concen: 6.166 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:172 Resp: 86011

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.1	19.6	29.4

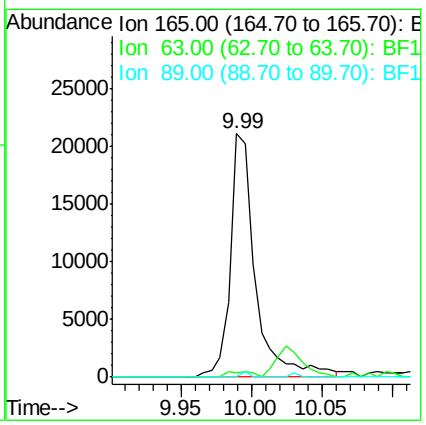


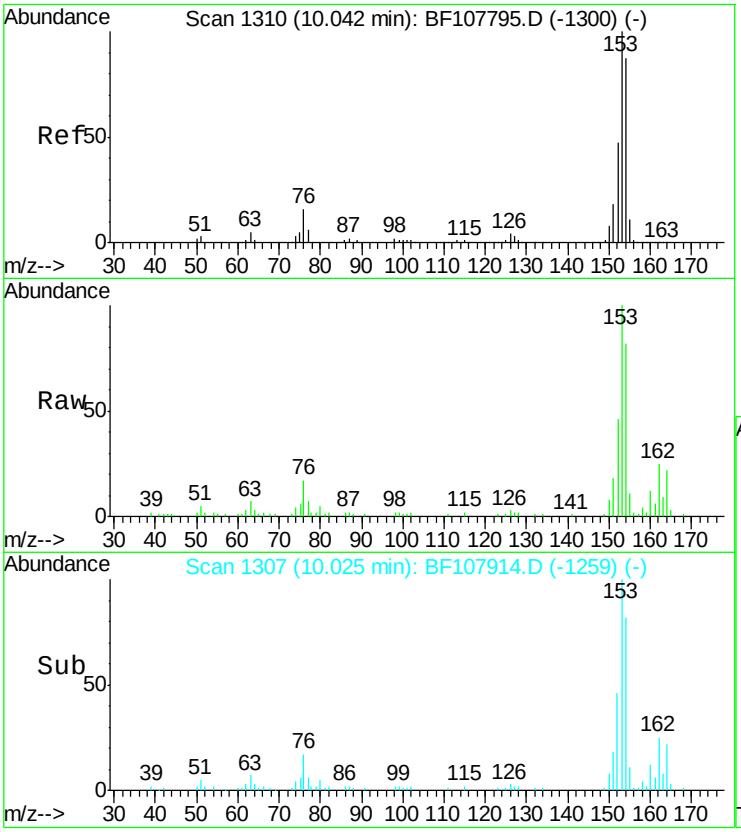


#50
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:165 Resp: 26207

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	0.0	44.0	66.0#



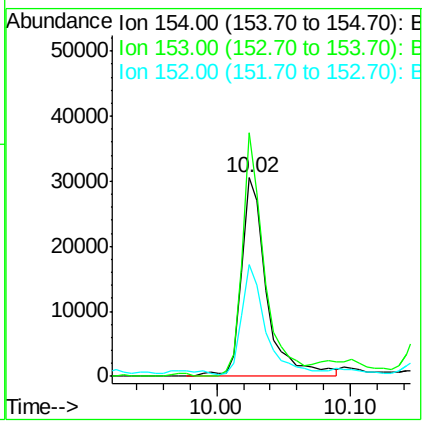


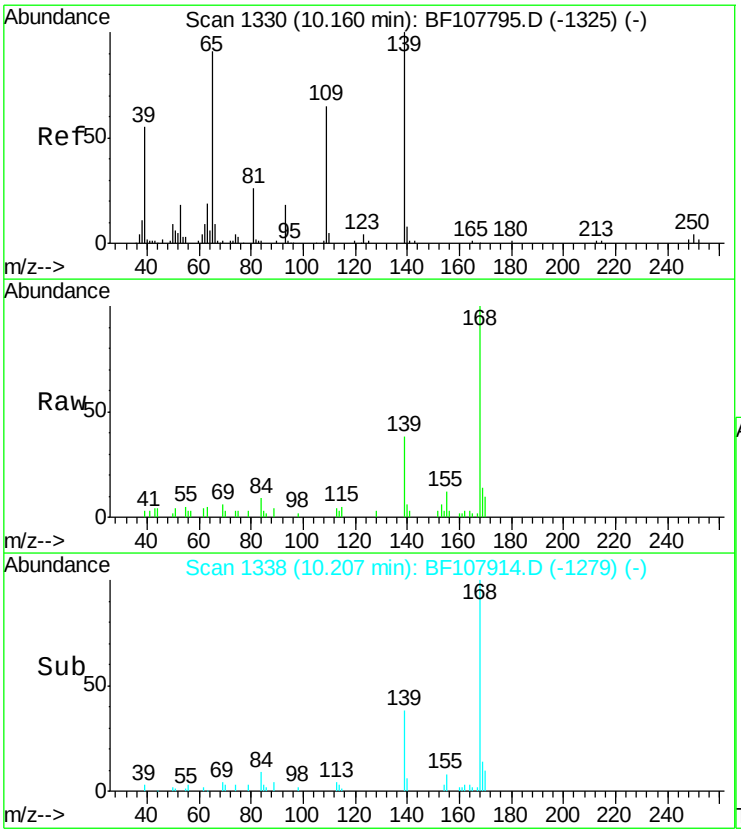
#51
Acenaphthene
Concen: 3.301 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:154 Resp: 39664

Ion	Ratio	Lower	Upper
154	100		
153	122.5	91.2	136.8
152	56.4	43.8	65.8

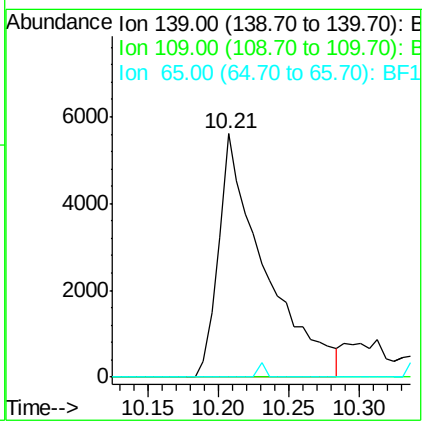


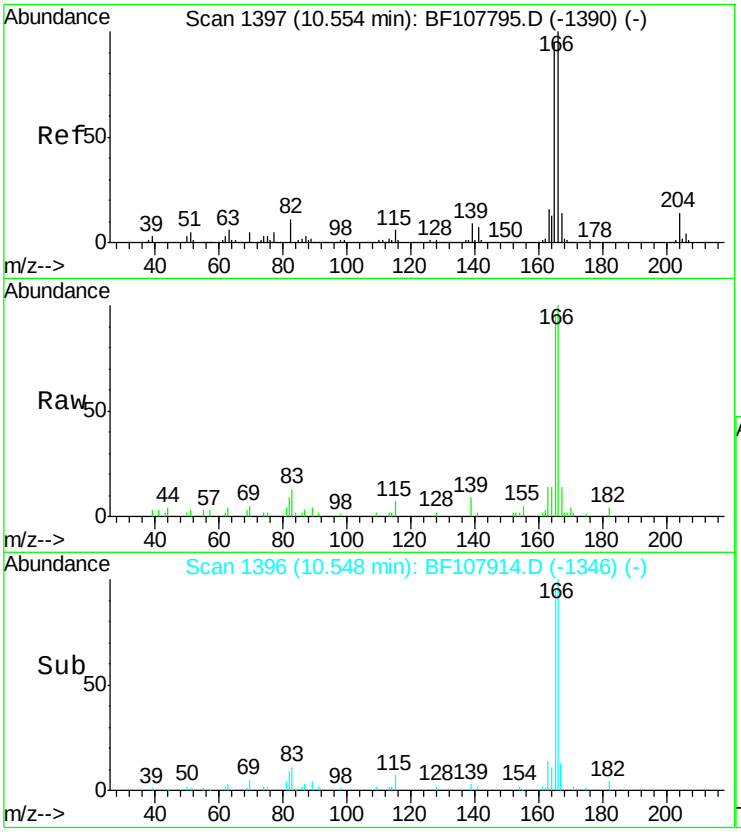


#55
4-Nitrophenol
Concen: 15.284 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.05 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:139 Resp: 12717

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



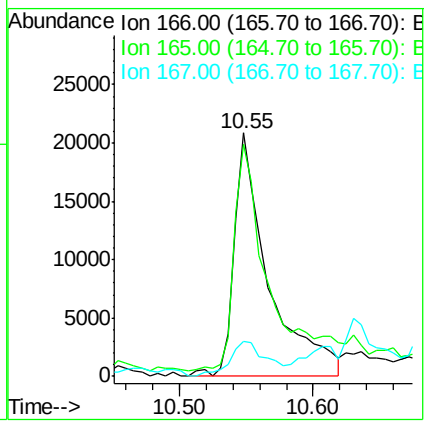


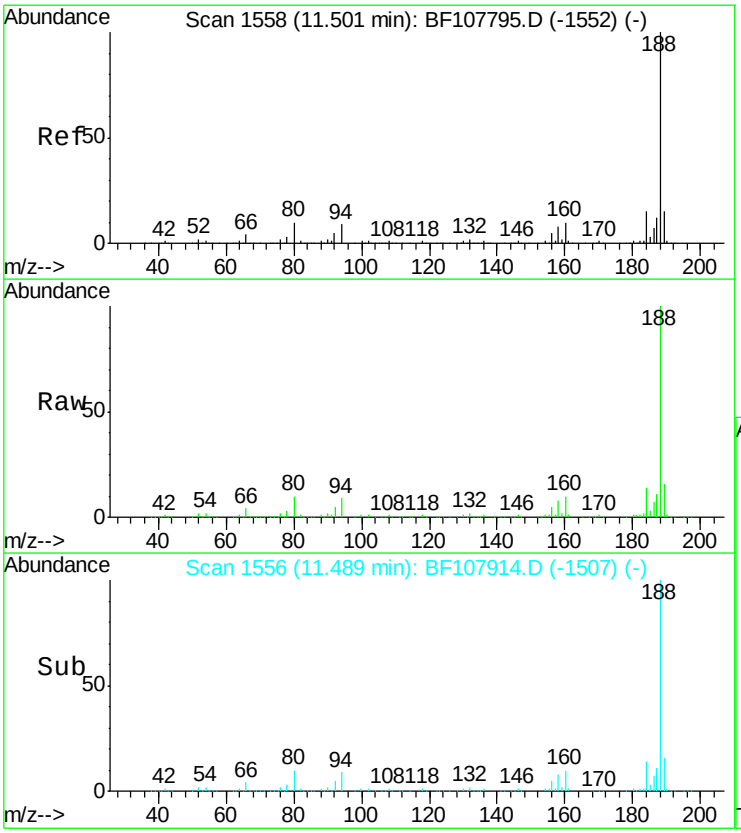
#57
Fluorene
Concen: 2.607 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:166 Resp: 37623

Ion	Ratio	Lower	Upper
166	100		
165	95.5	79.8	119.8
167	14.4	10.6	16.0

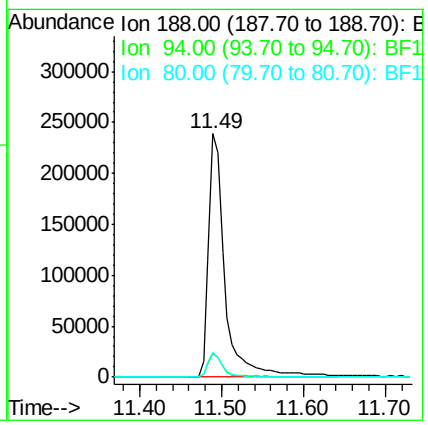


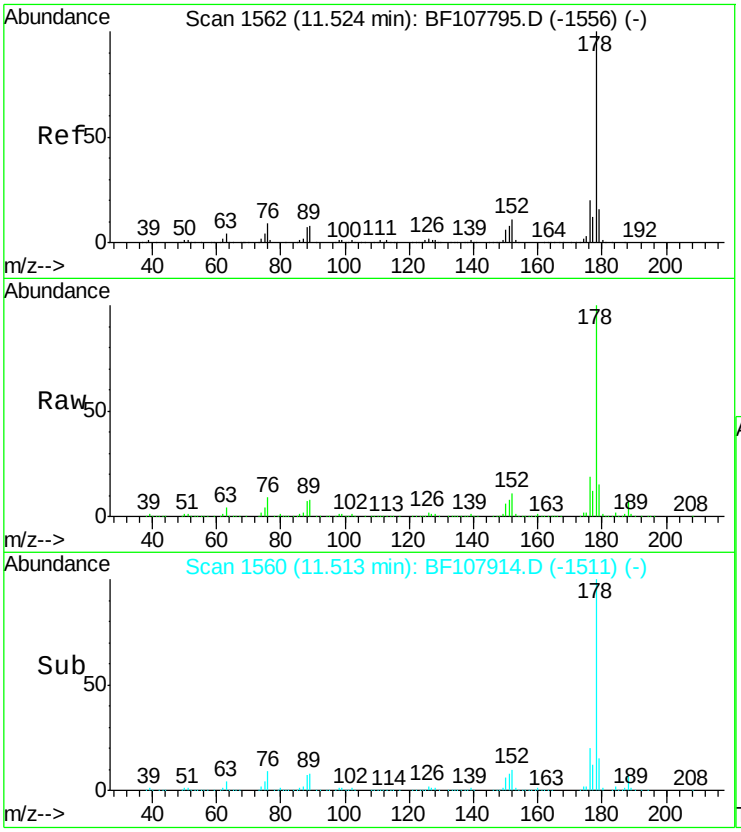


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:188 Resp: 333932

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.2	9.2	13.8



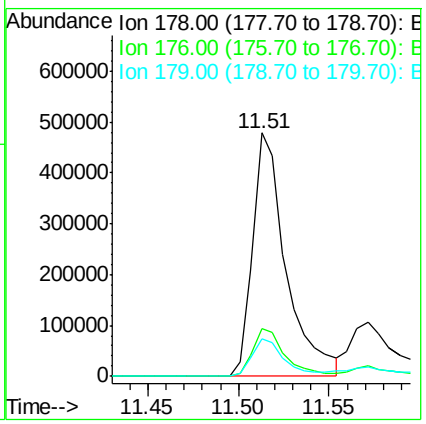


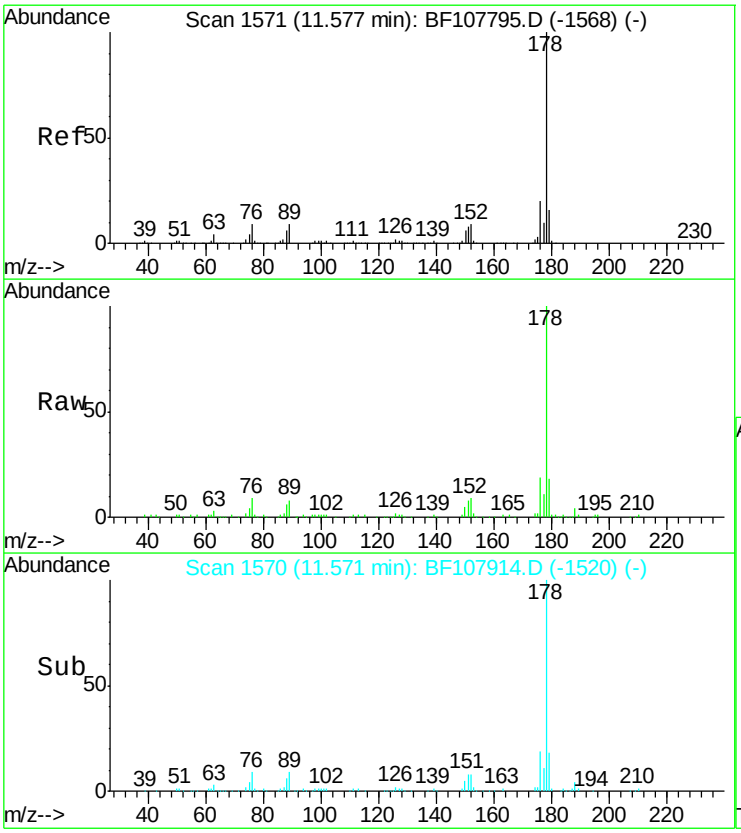
#70
Phenanthrene
Concen: 38.842 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:178 Resp: 615885

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	13.0	19.6

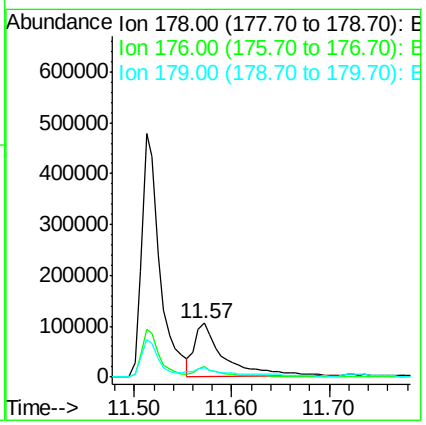


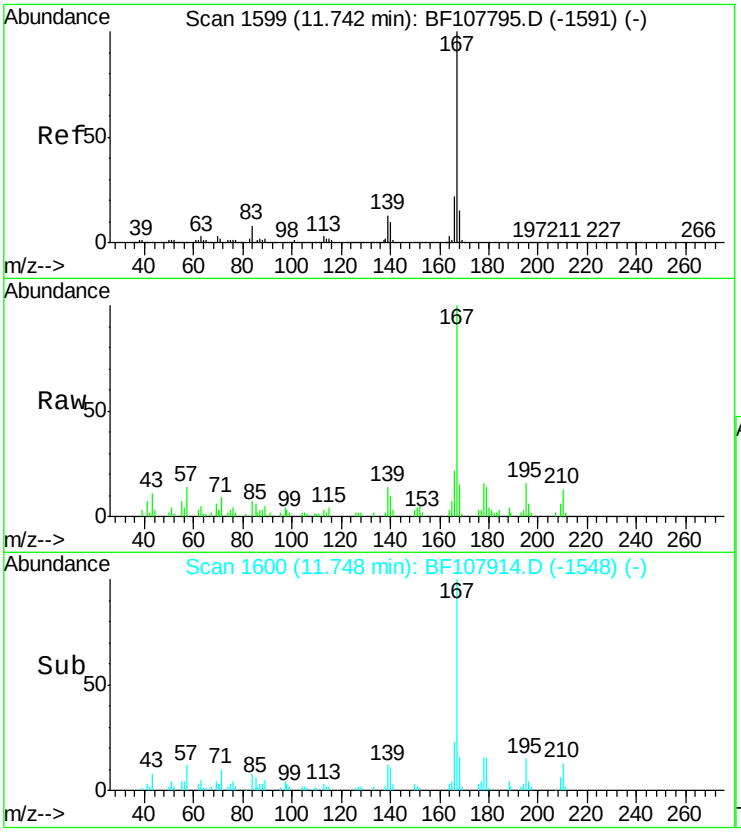


#71
Anthracene
Concen: 11.394 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:178 Resp: 208392

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	17.8	12.6	19.0



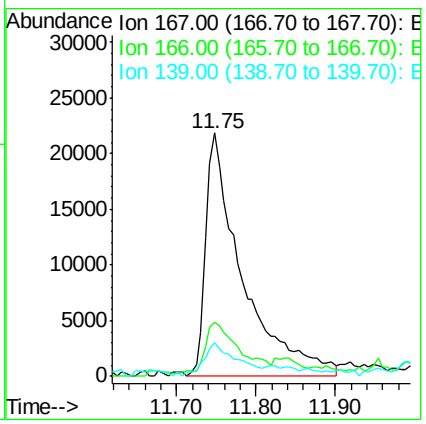


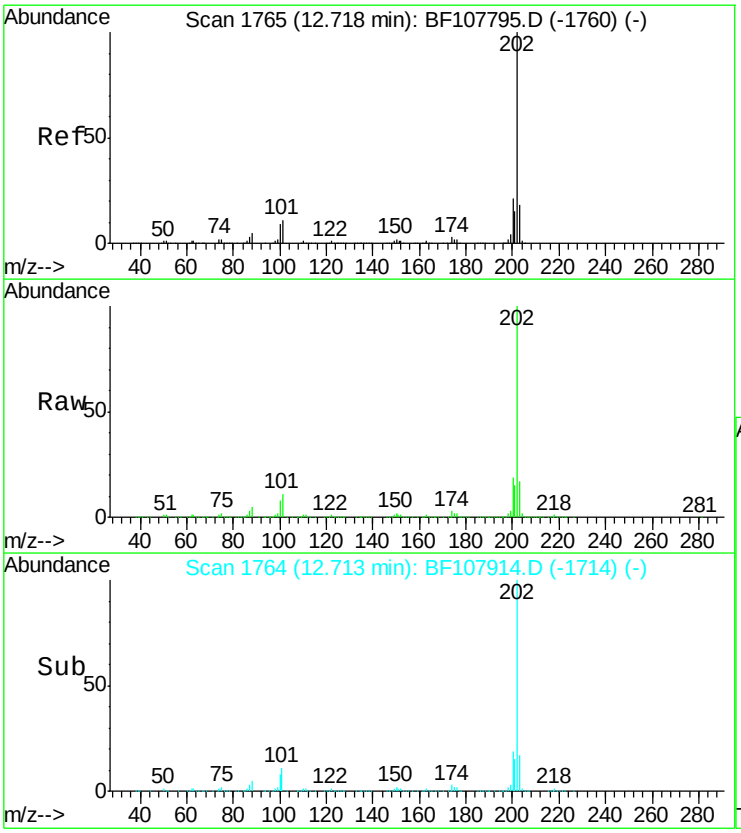
#72
Carbazole
Concen: 3.866 ng
RT: 11.75 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:167 Resp: 69866

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.8	10.9	16.3

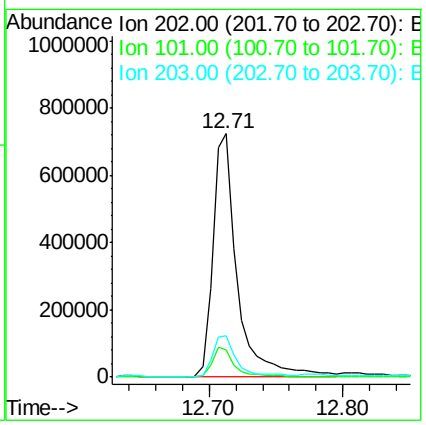


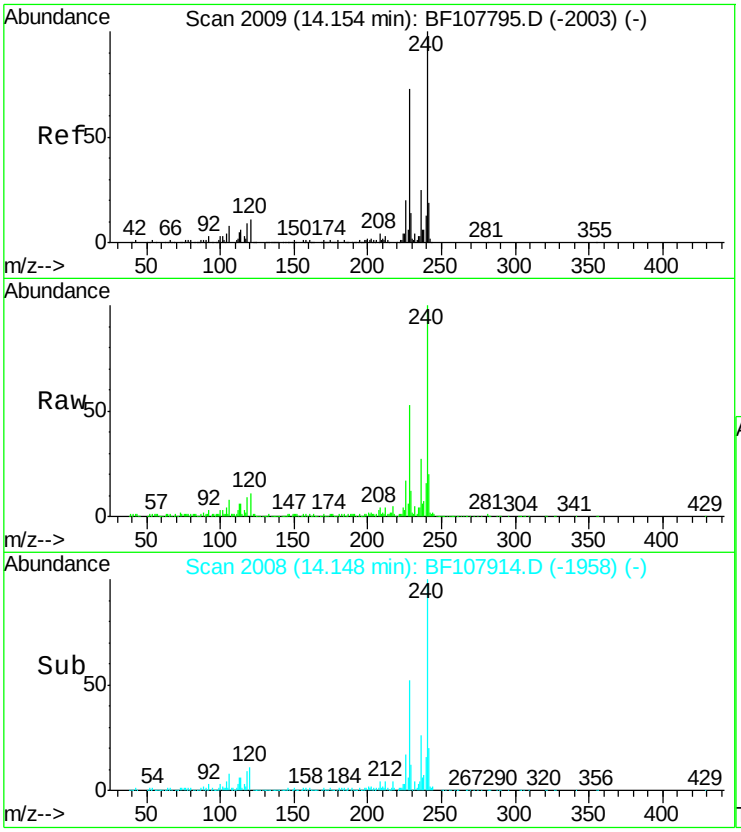


#74
Fluoranthene
Concen: 49.752 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:202 Resp: 926765

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.2	0.0	38.1



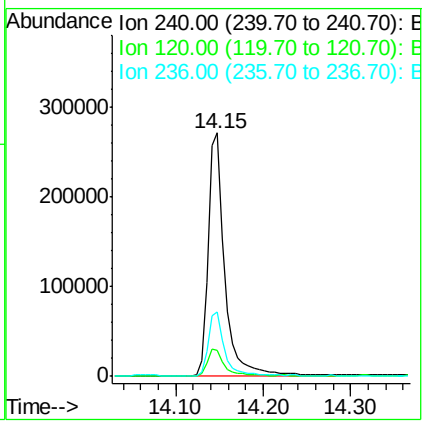


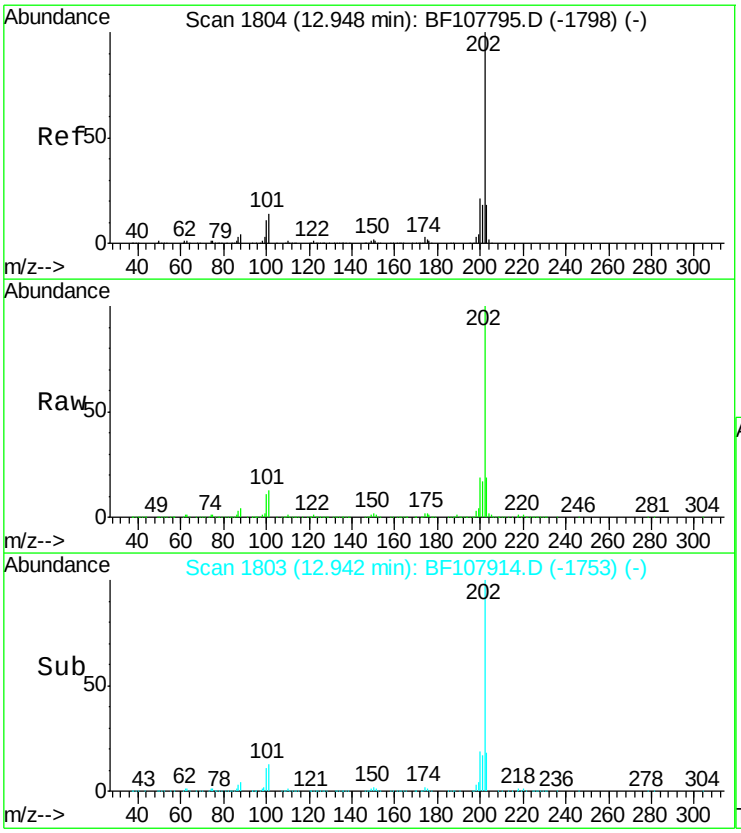
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:240 Resp: 356299

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.7	20.7	31.1

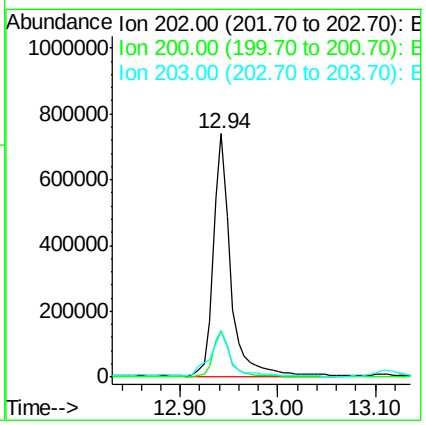


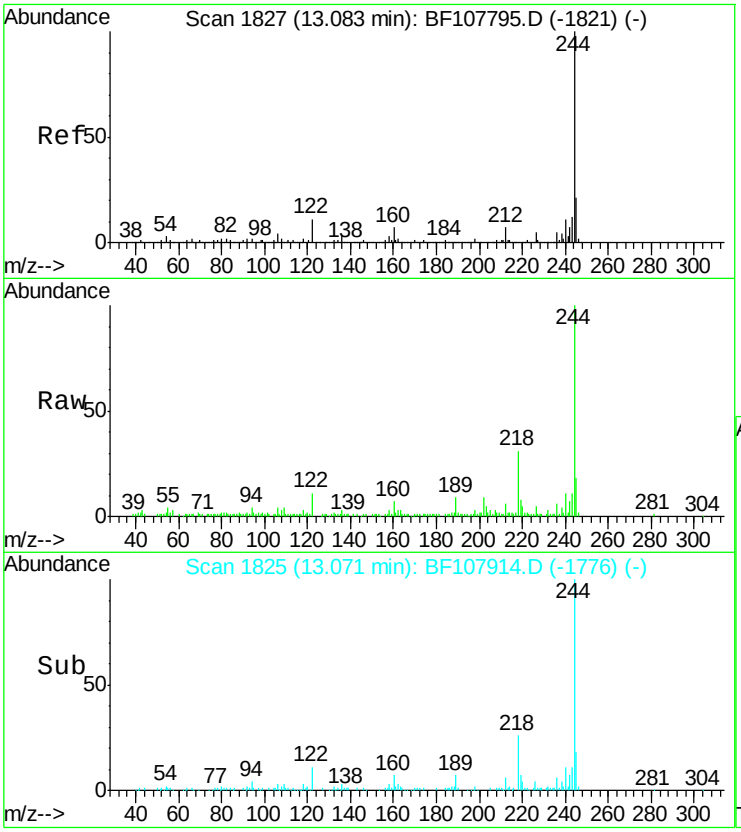


#77
Pyrene
Concen: 35.259 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:202 Resp: 904612

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	18.5	14.3	21.5



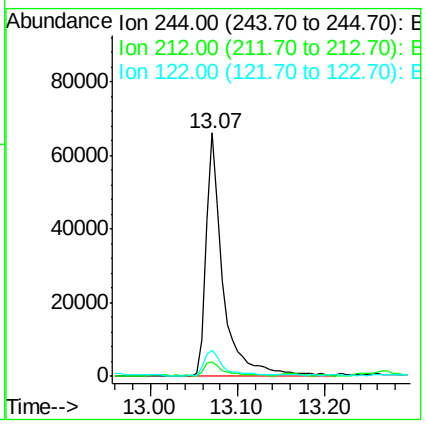


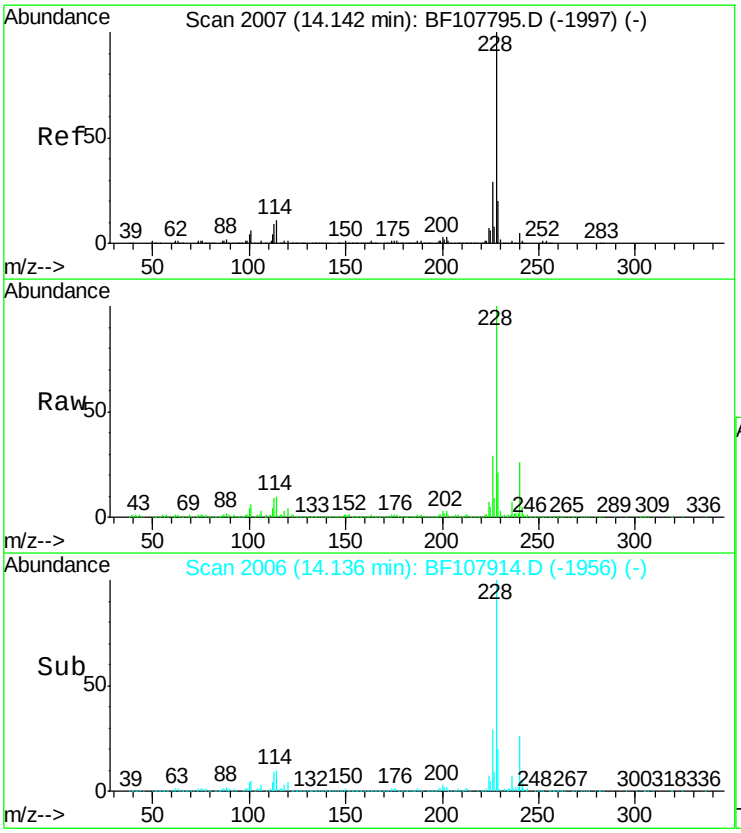
#78
Terphenyl-d14
Concen: 5.451 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:244 Resp: 89564

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	10.5	11.0	16.4#

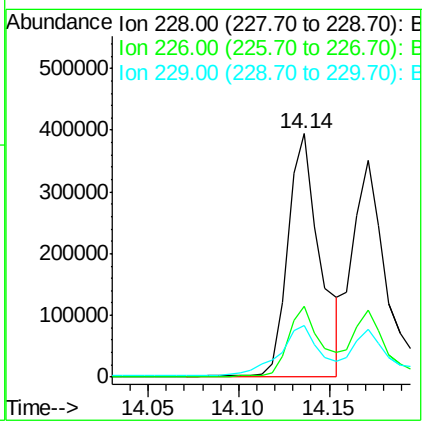


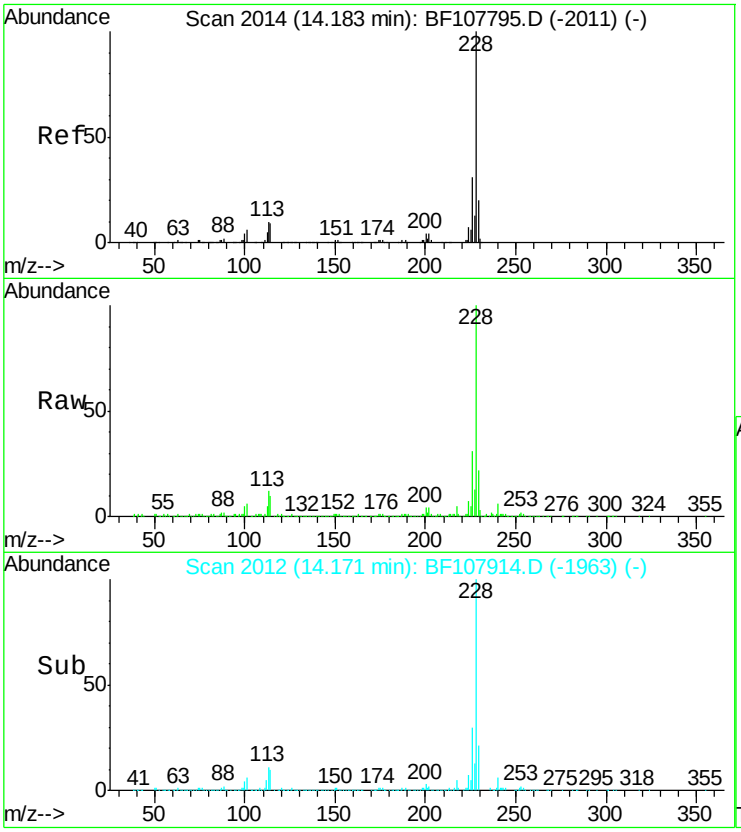


#80
Benzo(a)anthracene
Concen: 24.224 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:228 Resp: 488925

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.1	15.8	23.6



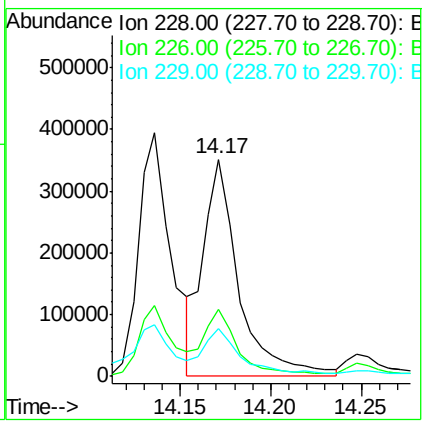


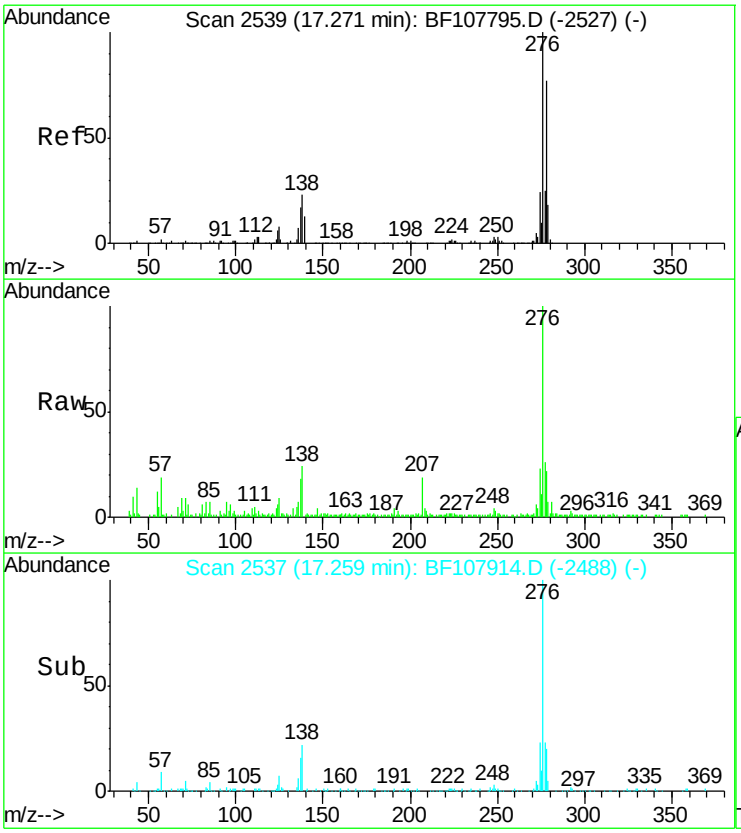
#82
Chrysene
Concen: 21.794 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:228 Resp: 474454

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.8	16.2	24.4

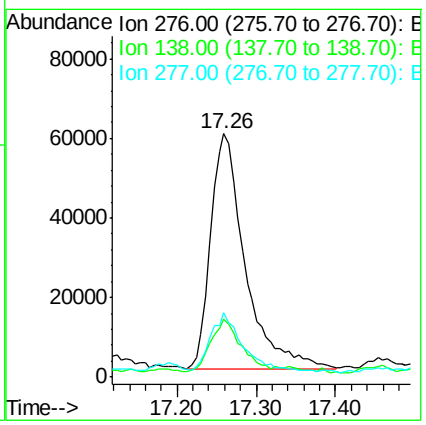


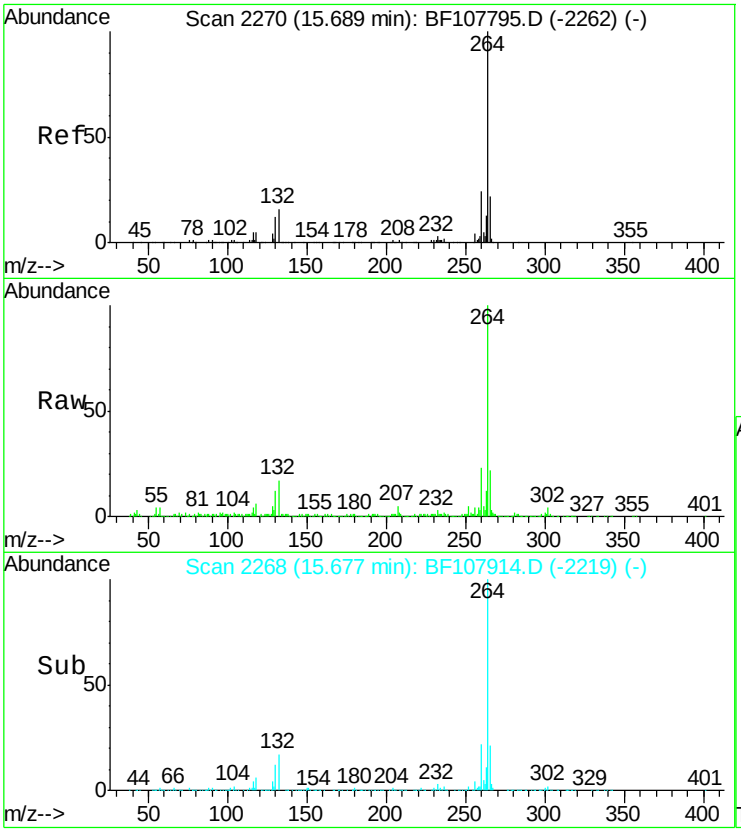


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.841 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:276 Resp: 179514

Ion	Ratio	Lower	Upper
276	100		
138	19.9	25.0	37.6#
277	22.9	20.1	30.1



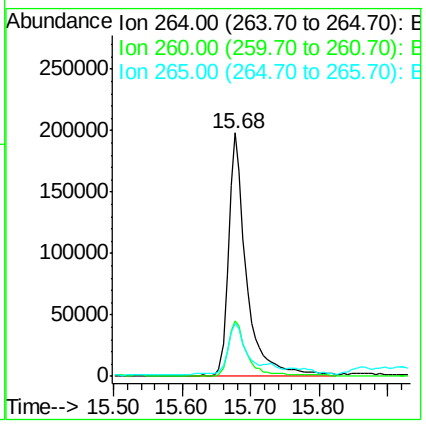


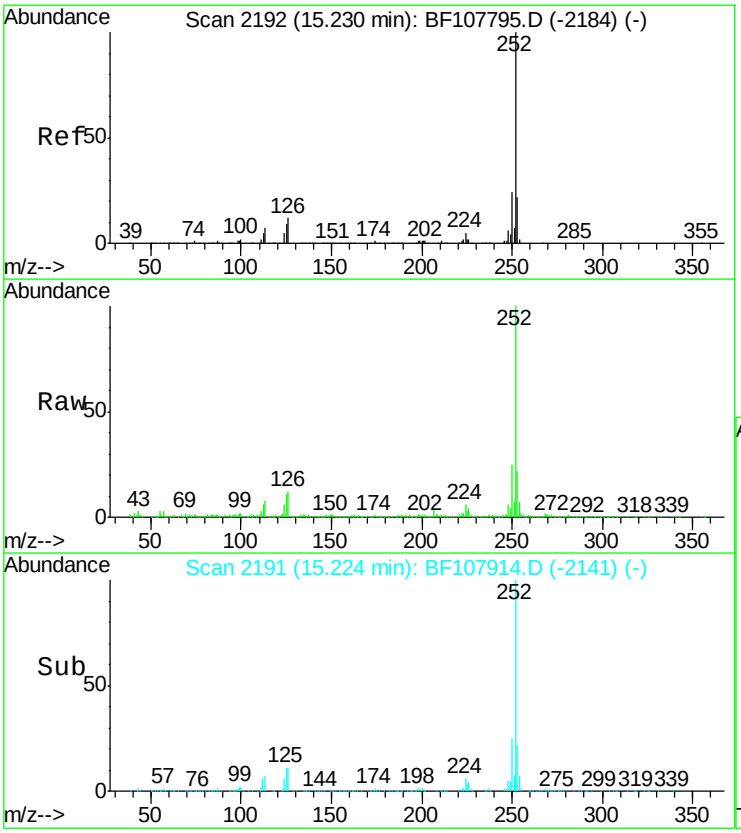
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:264 Resp: 358494

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.7	17.5	26.3

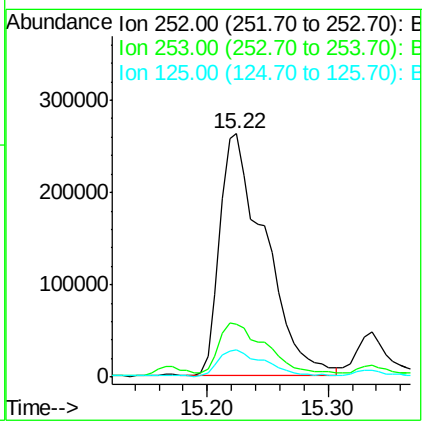


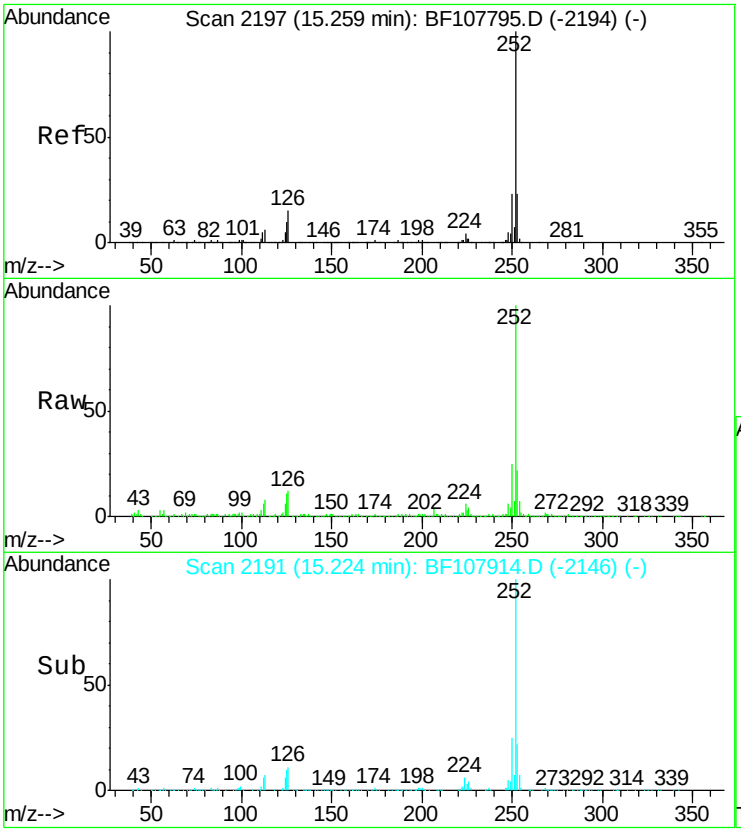


#87
Benzo(b)fluoranthene
Concen: 38.606 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:252 Resp: 682585

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.0	9.0	13.6



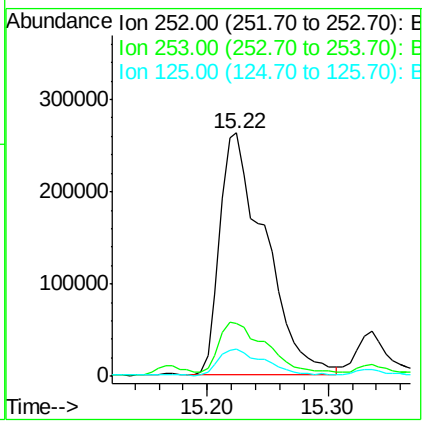


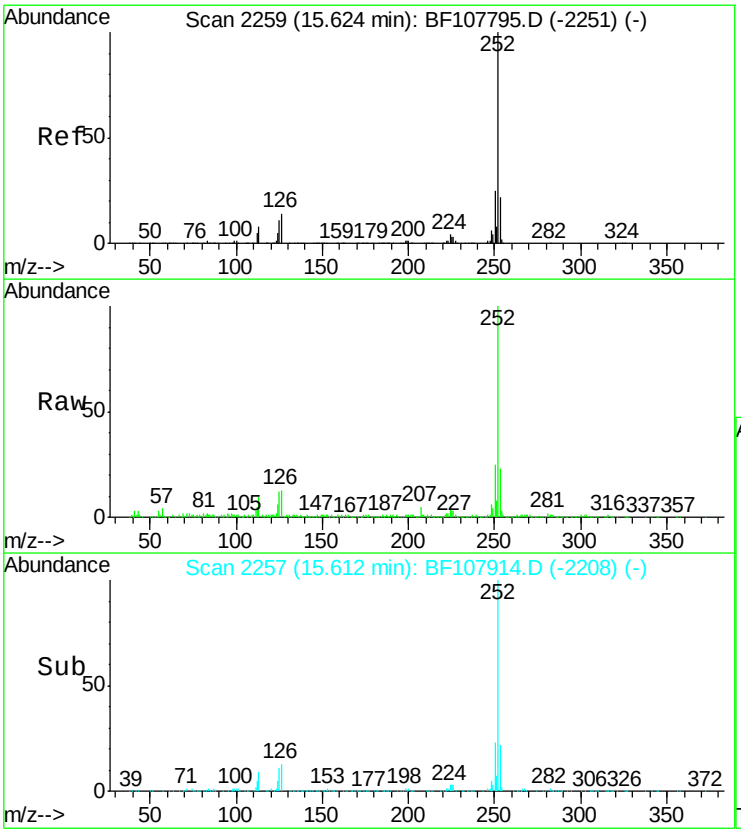
#88
Benzo(k)fluoranthene
Concen: 31.444 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:252 Resp: 682585

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.0	10.2	15.2

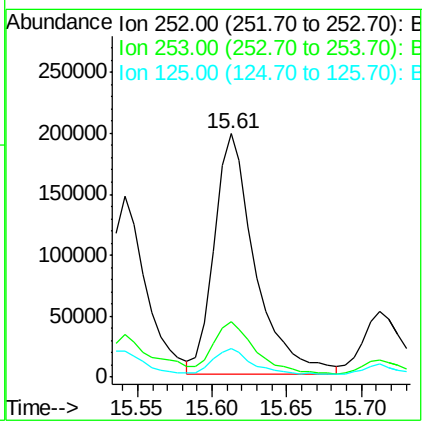


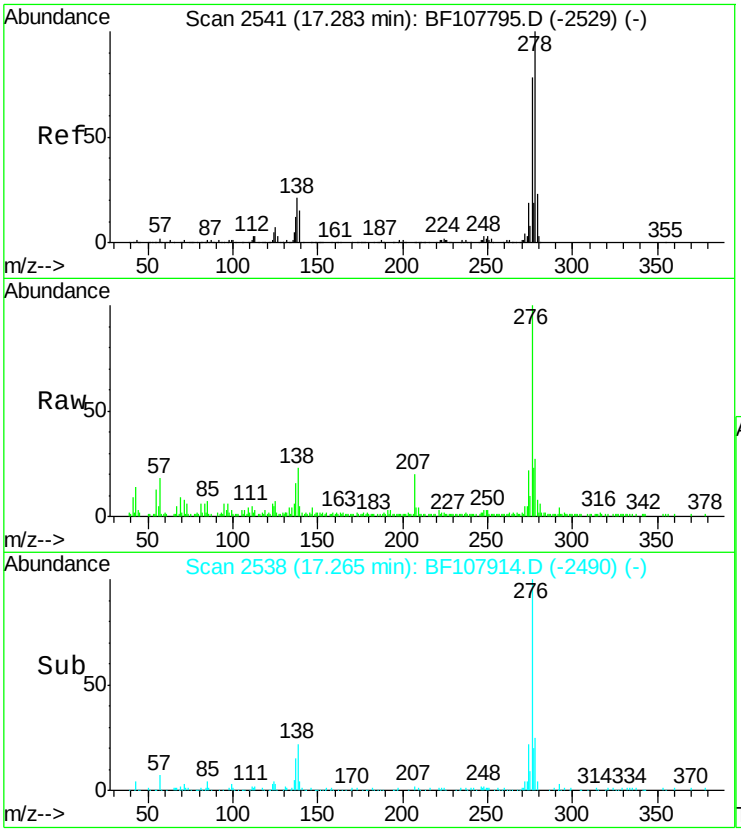


#89
Benzo(a)pyrene
Concen: 20.751 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:252 Resp: 378772

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.9	9.8	14.6



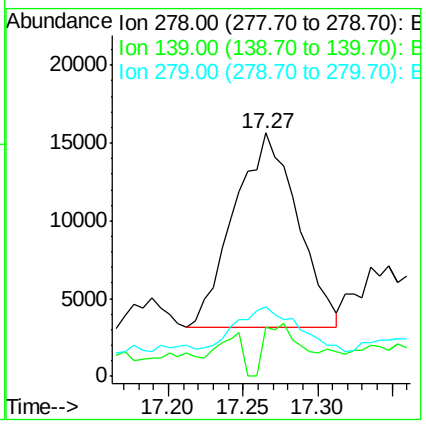


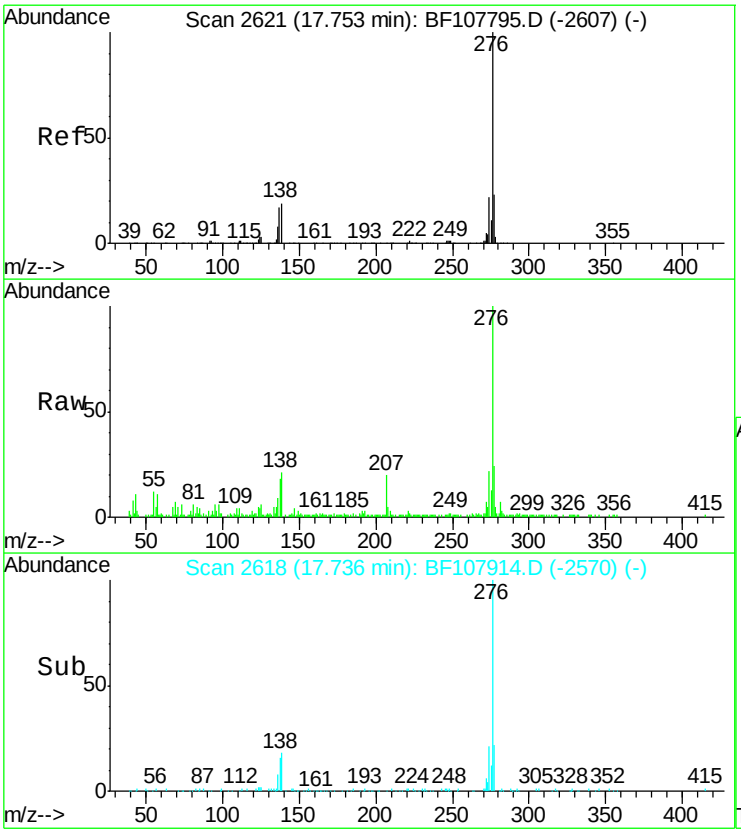
#90
Dibenzo(a,h)anthracene
Concen: 2.324 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_F
ClientSampleId :
KG-PIT-5

Tgt Ion:278 Resp: 36998

Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.9	23.9
279	28.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 11.653 ng
RT: 17.74 min Scan# 2618
Delta R.T. -0.02 min
Lab File: BF107914.D
Acq: 2 Aug 2018 17:28

Tgt Ion:276 Resp: 179528

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	21.3	21.8	32.8#